

## Doubling twice to multiply by 4

### Sheet 1

Work through each set in order. Multiply the following by 4.

Bronze	Silver	Gold
6	14	23
8	16	25
12	13	50
9	24	31
11	21	42
7	22	28
15	30	90
20	35	102

#### Challenge

Every day a bag of magic marbles multiplies itself by 4.

There are 6 magic marbles in the bag today, so how many will there be in 2 days time?

At what point will there be over 250 marbles?